

# JAY ITHIEL

## SOFTWARE ENGINEER

### SKILLS

JavaScript Ruby on Rails

ES6 Postgres

React.js Redux

jQuery SQL

CSS3 Git

HTML5 Python

Webpack Photoshop

### PORTFOLIO



[jayithiel.com](http://jayithiel.com)



[github.com/jay-ithiel](https://github.com/jay-ithiel)



[linkedin.com/in/jay-ithiel](https://linkedin.com/in/jay-ithiel)



[angel.co/jay-ithiel](https://angel.co/jay-ithiel)

### CONTACT



San Francisco, CA



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### PROFESSIONAL HISTORY

#### BLOCKSTACK

Full Stack Software Engineer

New York, NY

Jun - Sep 2017

- Pioneered development of the first decentralized Blockstack applications
- Established a secure login process without a username & password combination utilizing Blockchain
- Created a server-less storage system allowing users to own & control their information via Blockstack Gaia
- Improved performance & load time by utilizing cloud storage & CDNs

#### BEDKIN

Front End Software Engineer

Charleston, SC

Jun - Aug 2017

- Collaborated with core team to develop a decentralized version of mobile app
- Created a dynamic layout applying various responsive-design techniques
- Accelerated production of product utilizing SCRUM methodologies, delivering solutions before deadlines

#### SOFTWARE ENGINEER

Contract Developer for various start-ups & NGO's

San Francisco, CA

2015 - 2017

- Delivered quality full-stack applications utilizing numerous technologies including JavaScript, ReactJS, HTML5, CSS3, Ruby on Rails & SQL
- Headed technical design & implementation decisions such as app functionality & UI/UX design for simultaneous projects
- Boosted client satisfaction by following up & refactoring code

### PROJECTS

#### COUCHBNB

ReactJS, Redux, JavaScript, HTML, CSS, Ruby on Rails, Postgres

LIVE GITHUB

- Single page, full-stack web application emulating Airbnb's functionality
- Optimized search by creating a geo-location based search engine
- Enhanced search engine by integrating Google Maps, allowing users to search/filter results utilizing the map's location & bounds
- Designed & implemented custom REST-ful API

#### SPACE INVADERS

Vanilla JavaScript, HTML5 Canvas, CSS

LIVE GITHUB

- Web based, browser-version of the classic arcade game: Space Invaders
- Built custom physics engine to handle object movement & collisions
- Implemented power-up items feature & customized animations
- Leveraged Object-Oriented Design principles to maintain DRY code

### EDUCATION

#### COMPUTER SCIENCE & SOFTWARE ENGINEERING

App Academy

San Francisco, CA

Sep 2016

- 1000-hour software engineering school with <3% acceptance rate
- 90th percentile based on weekly technical assessments & peer reviews

HARVARD CS50:INTRO TO COMPUTER SCIENCE

PRINCETON CS124:DATA-STRUCTURES & ALGORITHMS

#### MUSIC

Nyack College

New York, NY

Sep 2012

- Music Performance & Composition